

**REMARKS**

Applicants thank the Examiner for the thorough examination of the application.

Claims 1-28 are pending. Claims 1, 16, 20, 25 and 26 are independent. Claims 1, 16, 17, 19, 20, 25, 26, 27 and 28 have been amended.

Reconsideration of the present application, as amended, is respectfully requested.

**Reasons for Entry of Amendments**

At the outset, it is respectfully requested that this Amendment be entered into the Official File in view of the fact that the amendments to the claims automatically place the application in condition for allowance.

In the alternative, if the Examiner does not agree that this application is in condition for allowance, it is respectfully requested that this Amendment be entered for the purpose of appeal. This Amendment reduces the issues on appeal. This Amendment was not presented at an earlier date in view of the fact that Applicants did not fully appreciate the Examiner's position until the Final Office Action was reviewed.

**Claim for Priority**

The Applicants thank the Examiner for acknowledging Applicants' claim for foreign priority and receipt of the certified copy of the priority document.

**Drawings**

Applicants thank the Examiner for indicating that the drawings filed in September 21, 2000 are accepted.

**Rejection under 35 U.S.C. §102**

Claims 1-28 are rejected under 35 U.S.C. §102(b) as being unpatentable over U.S. Patent No. 5,177,406 to Troxell. This rejection is respectfully traversed.

A complete discussion of the Examiner's rejection is set forth in the Office Action, and is not being repeated here.

**ELDs versus VFDs**

At the outset, the Applicants respectfully submit that Electro-luminescence displays (ELDs) and Vacuum Fluorescence Displays (VFDs) are not one and the same, and therefore the rejection under 35 U.S.C. 102 is improper. More particularly, it is settled law that anticipation requires the disclosure in a single prior art reference of each element of the claim under consideration. Lindemann Maschinenfabrik GMBH v. American Hoist & Derrick Co., 730 F. 2d 1452, 1458, 221 USPQ 481, 485 (Fed. Cir. 1984). In this respect, Troxell fails.

Independent claim 1 (as amended) recites a combination including an electro-luminescence diode provided in each of the first and second pixels of said electro-luminescence display device. Independent claims 16, 20, 25 and 26 recite

similar combinations including an electro-luminescence display device. As a base distinction, an electro-luminescence device is a solid state display, the operation of which is not dependent upon vacuum tube technology.

By contrast, Troxell is directed to a vacuum fluorescent display device (VFD). The VFD is a vacuum tube using hot filaments to generate thermo-electrons. A grid (static display type) or multiple grids (multiplexed display type) control and diffuse the thermo-electrons, which are attracted to one or more high voltage phosphor coated anodes, which then emit light. The anodes are at the back of the display, so the emitted light passes through the grid(s) and filaments and the display front to be seen by the user.

Claims 16, 20, 25 and 26 have been amended to recite the electro-luminescence display device in the body of the claims as well as in the preamble. Based on this distinction alone, the rejection under 35 U.S.C. 102 is improper, and therefore should be withdrawn.

#### Other Distinctions

The Applicants respectfully submit that besides Troxell's failure to teach the Applicants' claimed combination including an electro-luminescence display device, Troxell also fails to teach other elements of the Applicants' claimed invention.

Particularly, Troxell teaches a switch 34 and a capacitor 32, both connected to ground. In Troxell, the switch 34 receives a voltage from the data line (the

voltage also charging the capacitor 32). The switch 32 supplies this voltage to a phosphor 16 directly.

By contrast, in the Applicants' claimed invention, a driving circuit has a terminal thereof connected to a power supply line. The driving circuit receives a driving current from the power supply line, and applies the driving current to a first pixel cell. An example is shown in the Applicants' Fig. 4. Further, unlike Troxell, a common supply line provides current to respective driving circuits in the Applicants' claimed electro-luminescence display device. Claims 1, 16, 20, 25 and 26 have all been amended to set forth these distinctions.

Particularly:

Independent claim 1 has been amended to recite a combination of elements in an electro-luminescence display device, including a second driving circuit having a terminal thereof connected to the power supply line, said second driving circuit receiving a second driving voltage and applying a second driving current from said power supply line to the second pixel cell based on the second driving voltage.

Independent claims 16 has been amended to recite and combination of elements in an electro-luminescence display device, including a second driving circuit including a second transistor having a terminal thereof connected to the power supply line, said second transistor having a second channel width and a second

channel length, the second channel width to the second channel length forming a second ratio, the first ratio being different from the second.

Independent claim 20 has been amended to recite a combination of steps in a method of forming an electro-luminescence display device, forming a driving transistor for each pixel cell, said driving transistor receiving a current from a common power supply line and applying different currents to pixel cells having different colors such that the pixel cells having different colors are independently driven.

Independent claim 25 has been amended to recite a combination of steps in a method of forming an electro-luminescence display device, including the second driving circuit comprises a second transistor having a terminal thereof connected to the power supply line, said second transistor having a second channel width and a second channel length, the second channel width to the second channel length forming a second ratio, the first and second ratios being based on an electrical characteristic of an electro-luminescence diode.

Independent claim 26 has been amended to recite a combination of steps in a method of forming a electro-luminescence display device, including forming a second driving circuit including a second transistor having a terminal thereof connected to the power supply line, said second transistor having a second channel width and a second channel length, the second

channel width to the second channel length forming a second ratio, the first ratio being different from the second ratio.

In view of the foregoing, it is respectfully submitted that Troxell fails to teach (or suggest) the combinations recited in independent claims 1, 16, 20, 25 and 26 (as amended). Accordingly, reconsideration and withdrawal of the rejection rejected under 35 U.S.C. §102(b) based on these references are respectfully requested.

**Dependent Claims 2-15, 17-19, 21-24 and 27-28**

It is believed that the independent claims (1, 16, 20, 25 and 26) are allowable, and since claims 2-15, 17-19, 21-24 and 27-28 depend from allowable independent claims, they are also allowable for at least the above reasons, as well as for the additional limitations provided thereby. Thus, all claims are allowable.

**CONCLUSION**

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. It is believed that a full and complete response has been made to the outstanding Office Action, and that the present application is in condition for allowance.

Pursuant to the provisions of 37 C.F.R. § 1.17 and § 1.136(a), Applicant hereby petitions for an extension of two (2) months in which to file a response to the outstanding Office Action. The required fee of \$450.00 is attached hereto.

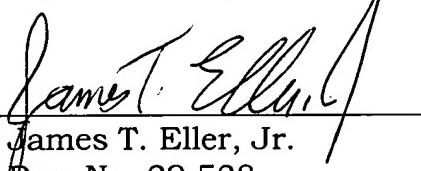
However, if there are any outstanding issues, the Examiner is invited to telephone Percy L. Square (Reg. No. 51,084) at (703) 205-8034 in an effort to expedite prosecution..

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or to credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17, particularly extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

  
James T. Eller, Jr.  
Reg. No. 39,538

P. O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

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